

## CLAIMS

What is claimed is:

1. <sup>note</sup> An electronics cabinet housing at least one circuit board, the avionics cabinet comprising:  
a back panel having a plurality of openings, each opening corresponding to one of  
said at least one circuit boards; and  
a databus coupled to said back panel connecting each of said at least one circuit  
boards such that communication between each of said at least one circuit  
boards is facilitated.
2. The electronics cabinet of claim 1 further comprising a plurality of frames, each frame  
corresponding to one of said plurality of openings.
3. The electronics cabinet of claim 2 wherein each of said frames accomodate at least one  
alignment pin, the alignment pin being configured to align a wiring harness to one of said at least  
one circuit boards.
4. The electronics cabinet of claim 1 wherein said databus is a SAFEBUS bus.
5. The electronics cabinet of claim 1 wherein said databus is a breadboard.